

Aryan Hansoti

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EDUCATION

Nirma University

Bachelor of Technology in Computer Science Engineering

Ahmedabad, Gujarat

Aug 2023 – Aug 2027

- **CGPA:** 8.12/10
- Relevant Coursework: Data Structures, Algorithms, Database Management, Software Engineering

TECHNICAL SKILLS

Languages : JavaScript, C++, Python, SQL

Databases : MongoDB, MySQL, PostgreSQL

Dev Tools : Visual Studio Code, Git, GitHub, Jupyter Notebook, Postman

Frameworks & Libraries : ReactJS

Core CS subjects : DBMS, CN, OS, DSA, OOP

PROJECTS

Parking Issue Resolution System

[GitHub Repo](#)

- Developed the frontend for a full-stack web application addressing urban parking challenges, enabling users to report improperly parked vehicles.
- Key Frontend Features:
 - * Designed and implemented interactive user interfaces using **React.js** and styled components with **Tailwind CSS**.
 - * Utilized **Framer Motion** for smooth, dynamic animations and transitions.
 - * Implemented responsive design, ensuring compatibility across various devices and screen sizes.
 - * Integrated **RESTful APIs** to fetch and display real-time data from the backend, enhancing user experience.
 - * Enabled geolocation tracking to capture and display accurate parking issue locations on the map.
- Collaborated with a teammate who developed the backend using **Spring Boot** and **MongoDB**.
- Tech Stack:
 - * **Frontend:** React.js, Tailwind CSS, Framer Motion.
 - * **Backend:** Spring Boot, JWT, MongoDB Atlas.
 - * **Integrations:** Twilio API, Email Service, Geolocation API.

Spotify Clone with Music Streaming and Playlist Management

[GitHub Repo](#)

- Built a Spotify Clone web application for music streaming and playlist management using the MERN stack (MongoDB, Express, React, Node.js).
- Key Features:
 - * Integrated Spotify API to fetch playlist and song data, allowing dynamic music browsing and playback.
 - * Implemented state management using **React Context** to manage playlists, currently playing songs, and user preferences across components.
 - * Developed a responsive user interface using **React.js**, ensuring seamless functionality across devices.
 - * Added search functionality to allow users to search for songs, albums, and playlists within the application.
 - * Integrated a **YouTube API** to search and play songs directly from YouTube when unavailable on Spotify.
 - * Implemented dynamic playlist management, enabling users to create, update, and delete playlists.
 - * Used **MongoDB Atlas** for cloud database management to store user preferences and playlist data.
- Tech Stack:
 - **Frontend:** React.js, React Context.
 - **Backend:** Node.js, Express, MongoDB Atlas.
 - **Integrations:** Spotify API, YouTube API.

CropFinancePro – Frontend Developer

Ahmedabad University Hackathon

[GitHub Repo](#)

- Designed and developed the frontend for an AI-driven credit scoring platform aimed at supporting farmers.
- Built dynamic and responsive user interfaces using **React.js**, enabling intuitive navigation and form submissions.
- Visualized data insights from GIS, weather, and crop data APIs (Visual Crossing, USDA) for enhanced user decision-making.
- Integrated RESTful APIs to communicate with the backend for real-time credit scoring and loan status updates.
- Enabled email notification triggers and success messages through frontend integration with backend services.
- **Achievement:** Ranked in the **top 10** out of 400+ teams at the Ahmedabad University Hackathon.

COMPETITIVE PROGRAMMING

LeetCode

- * Achieved a highest rank of **5107** in a LeetCode contest.
- * Secured a **top 10k** rank in LeetCode contests five times.
- * Maintained a global ranking of **under 250k** on LeetCode.
- * Solved over **400** problems on LeetCode.
- * Strengthened problem-solving and algorithmic thinking through consistent practice.